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# ASUS 4-Port ADSL Router

## Quick Guide

*Version 1.1*

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Revision Documentation

| | |
|---|---|
| 10/12/05 | Version 1.1 of this quick guide includes a section on how to mount the router on a wall (p.8). Also updated are the front and back panel pictures, which now show a white housing for the ASUS brand. |
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# General Information

The ASUS 4-Port ADSL Router features 4 LAN ports for added convenience and accessibility.

## Package Contents

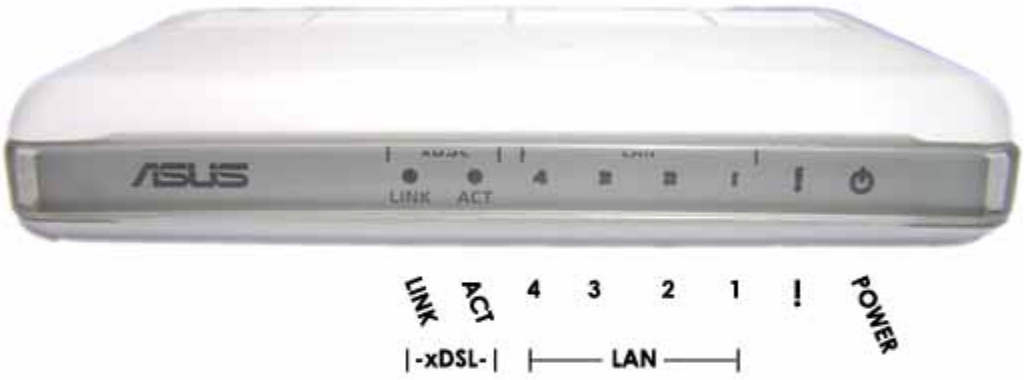
Included in the package is one of each of the following–

- 4-Port ADSL router
- 15 VAC AC power adapter
- RJ-11 telephone cable
- RJ-45 Ethernet cable
- Splitter
- User Manual
- Quick Guide / User Manual

## Safety Instructions–Please read.

- Place your router on a flat surface close to the cables in a location with sufficient ventilation.
- To prevent overheating, do not obstruct the ventilation openings of this equipment.
- Plug this equipment into a surge protector to reduce the risk of damage from power surges and lightning strikes.
- Operate this equipment only from an electrical outlet with the correct power source as indicated on the adapter.
- Do not open the cover of this equipment. Opening the cover will void any warranties on the equipment.
- Unplug equipment first before cleaning. A damp cloth can be used to clean the equipment. Do not use liquid / aerosol cleaners or magnetic / static cleaning devices.

## Front Panel View




| LED | Mode | Indication |
|---|---|---|
| XDSL Link | Solid | ADSL is connected. |
| | No light | ADSL is not connected. The ALARM led will be red. |
| | Blinking | The router is connected to ADSL. |
| XDSL ACT | Solid | ADSL is connected, and there is no ADSL traffic. |
| | No light | ADSL is not connected. |
| | Quick blinking | There is ADSL traffic. |
| LAN1-LAN4 | Solid | Router is connected to the LAN. |
| | No light | No connection to the LAN. Check if the LAN cable is connected to the router. |
| | Blinking | LAN traffic |
| ! (Alarm) | Solid (red) | ADSL is not connected. |
| | No light | ADSL is connected. |
| (Power) | Solid | Router is powered on. |
| | No light | Router is not powered. Check if the router is plugged in and if the power switch is turned on. |

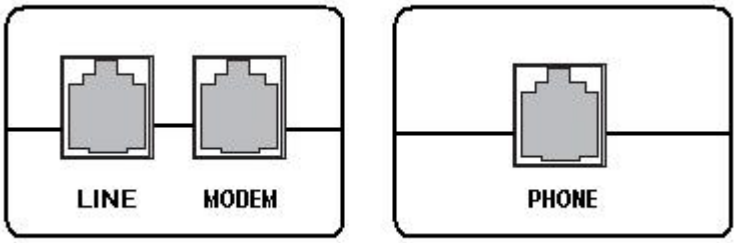
## Back Panel View

| Port | Description |
|---|---|
| Line | RJ-11 cable connects to the splitter provided. |
| Console | *NOTE:* To be used by maintenance professionals only. If the router needs repair, bring it to a service professional. |
| Reset | ***Restart***–press the button for less than 4 seconds.<br>***Default settings***–press the button for 4 seconds or longer. |
| LAN1-LAN4 | RJ-45 connects the unit to an Ethernet device such as a PC or a switch. |
| Power | Connects to a 15 VAC AC power adapter. |
| On / Off | Press to turn the router on and off. |

# Installing the Router

## Connect the ADSL Line and Telephone

An RJ-11 cable will be connected to the wall phone jack and the line-end of the splitter. Connect another RJ-11 phone cable from the modem-end of the splitter to the port labeled “line” on the router. A third RJ-11 phone cable will be needed to connect the telephone to the phone-end of the splitter.




*NOTE: See connections on the installation diagram.*

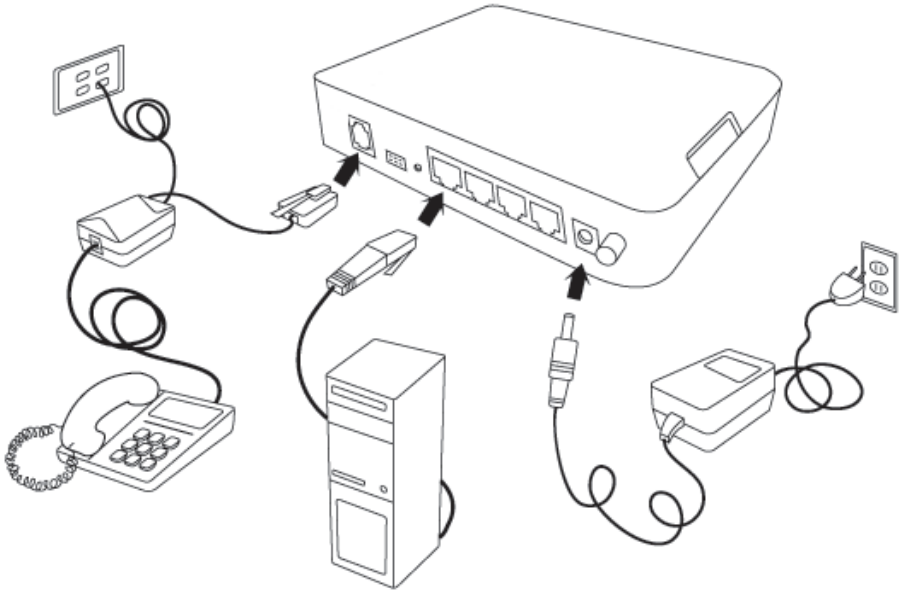
## Connect the PC to the Router

Use the Ethernet cable to connect your computer directly to the router. Connect one end of the Ethernet cable to one of the ports labeled LAN on the rear panel of the router and connect the other end to the Ethernet port of your computer. Attach any additional PCs to the router using RJ-45 cables to the port labeled LAN on the rear panel of the router.

## Connect the Power Adapter

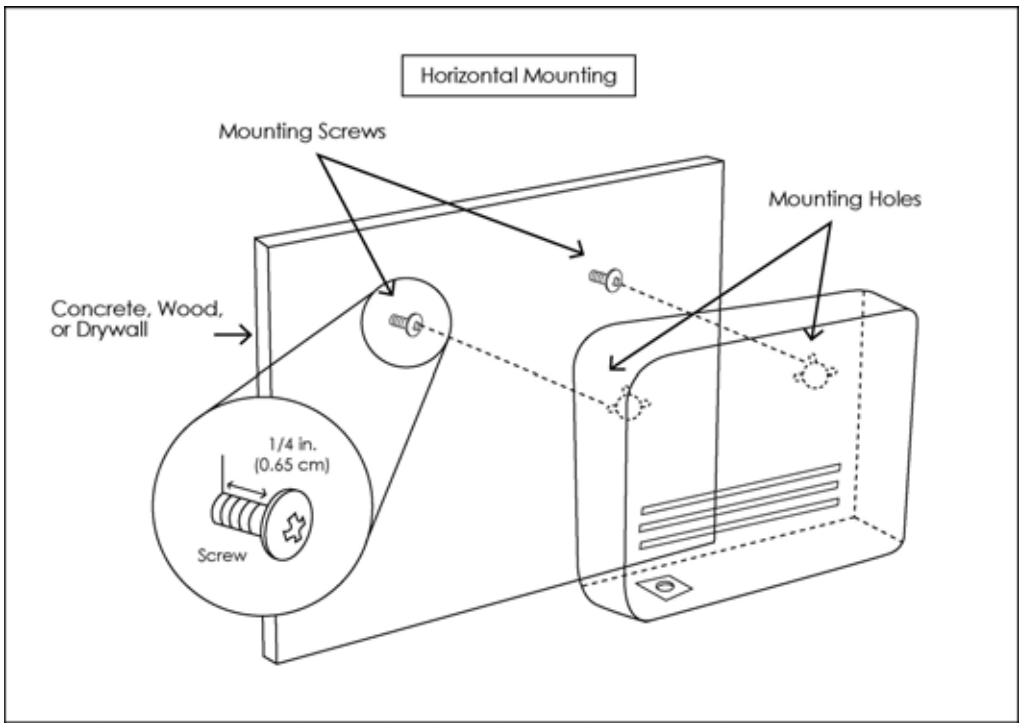
Complete the process by connecting the AC power adapter to the POWER connector on the back of the device and plug the adapter into a wall outlet or power strip. Then turn on and boot up your PC and any LAN devices, such as hubs or switches, and any computers connected to them.

# Installation Diagram



# Mounting the Router

The router can be mounted on the wall with the screws provided. Mounting can be done on wall material including concrete, wood, or drywall. Select an appropriate location free from obstructions or any possible interference. Make sure the cables can be easily attached to the router without strain. The illustration below shows how to mount the router horizontally on a wall.



# Configuring Your Computer

Prior to accessing the router through the LAN port, note the following necessary configurations–

- Your PC's TCP/IP address: **192.168.1.__**( the last number is any number between 2 and 254)
- The router's default IP address: **192.168.1.1**
- Subnet mask: **255.255.255.0**

Below are the procedures for configuring your computer. Follow the instructions for the operating system that you are using.

## Windows 2000

1. In the Windows taskbar, click on the Start button and point to Settings, Control Panel, and Network and Dial-up Connections (in that order).
2. Click on Local Area Connection. When you have the Local Area Connection Status window open, click on **Properties**.
3. Listed in the window are the installed network components. If the list includes Internet Protocol (TCP/IP), then the protocol has already been enabled, and you can skip to Step 10.
4. If Internet Protocol (TCP/IP) does not appear as an installed component, then click on **Install**.
5. In the Select Network Component Type window, click on protocol and then the **Add** button.
6. Select Internet Protocol (TCP/IP) from the list and then click on **OK**.
7. If prompted to restart your computer with the new settings, click **OK**.

8. After your computer restarts, click on the Network and Dial-up Connections icon again, and right click on the Local Area Connection icon and then select Properties.

9. In the Local Area Connection Properties dialog box, select Internet Protocol (TCP/IP) and then click on **Properties**.

10. In the Internet Protocol (TCP/IP) Properties dialog box, click in the radio button labeled **Use the following IP address** and type 192.168.1.x (where x is any number between 2 and 254) and 255.255.255.0 in the IP address field and Subnet Mask field.

11. Click on **OK** twice to save your changes and then close the **Control Panel**.

## Windows XP

1. In the Windows taskbar, click on the Start button and point to Settings and then click Network Connections.

2. In the Network Connections window, right click on the Local Area Connection icon and click on properties.

3. Listed in the Local Area Connection window are the installed network components. Make sure the box for Internet Protocol (TCP/IP) is checked and then click on **Properties**.

4. In the Internet Protocol (TCP/IP) Properties dialog box, click in the radio button labeled **Use the following IP address** and type 192.168.1.x (where x is any number between 2 and 254) and 255.255.255.0 in the IP address field and Subnet Mask field.

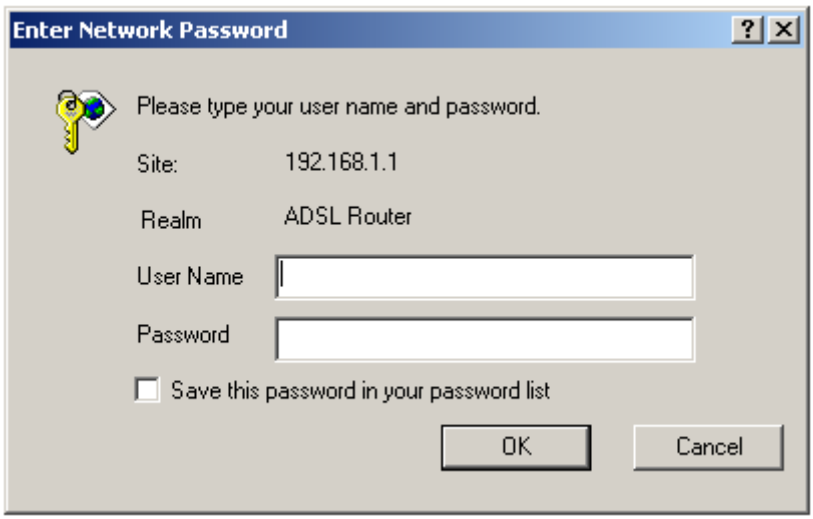
5. Click on **OK** twice to save your changes and then close the **Control Panel**.

# Log in to the Router

This section explains how to log in to your router using the following steps–

1. Launch your web browser.
2. Enter the URL http://192.168.1.1 in the address bar and click on **Enter**.

A login screen like the one below will be displayed after you connect to the user interface.




3. Enter your user name and password, and then click on **OK** to display the user interface.

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***NOTE:*** *There are two default user name and password combinations. The user / user combination can display device status, but cannot change or save configurations and are limited to only certain screens. The admin / admin combination can perform all functions. Passwords can be changed at any time. The following manual shows configurations based on the admin / admin log in.*

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